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WHAT IS CLAIMED IS:

5 1. A method for forming a double containment pipeline section comprising:

adhering granular material on a first face of a tape;  
wrapping the tape around a primary pipeline section; and  
forming a secondary pipeline section around the wrapped  
10 primary pipeline section, wherein the granular material defines  
an annulus between the primary and secondary pipeline sections.

2. A method as recited in claim 1 wherein forming  
comprises defining an annulus between the primary and secondary  
15 pipeline sections having a radial thickness no greater than about  
1 mm.

3. A method as recited in claim 1 wherein wrapping  
comprises wrapping the tape around the primary pipeline section  
20 sandwiching the granular material between the tape and the  
primary pipeline section.

4. A method as recited in claim 1 wherein wrapping  
comprises:  
25 wrapping the tape around the primary pipeline section with  
the granular material on the outside of the tape; and  
wrapping a second sealing tape over the granular material  
sandwiching the granular material between the two tapes.

30 5. A method as recited in claim 1 wherein forming  
comprises:

wrapping a resin embedded material over the wrapped tape;  
and  
curing the resin embedded material forming a secondary  
35 pipeline section.

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6. A method as recited in claim 1 further comprising:  
forming a primary pipeline section from resin embedded  
5 material; and  
partially curing the primary pipeline section prior to  
wrapping the tape having the adhered granular material.

7. A method as recited in claim 1 further comprising:  
10 forming a primary pipeline section from resin embedded  
material;  
sealing off the resin embedded material prior to wrapping  
the tape having the adhered granular material; and  
curing the formed primary and secondary pipeline sections.

15 8. A method as recited in claim 7 wherein sealing off the  
resin embedded material comprises wrapping the formed primary  
pipeline section with a plastic tape.

20 9. A method as recited in claim 1 wherein adhering  
granular material to the tape comprises pulling a tape having a  
tacky adhesive on a first face through a container of granular  
material adhering a layer of granular material on the first face.

25 10. A method as recited in claim 1 wherein adhering  
granular material to the tape comprises sprinkling granular  
material on a face of the tape having a tacky adhesive.

30 11. A method as recited in claim 1 wherein adhering  
comprises adhering sand on a first face of a tape.

12. A method as recited in claim 1 wherein wrapping a tape  
around a primary pipeline section comprises wrapping a tape  
around a pipe fitting.

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13. A method as recited in claim 1 further comprising  
helically winding a pair of spaced apart wires around the primary  
5 pipeline section so as to be in contact with the granular  
material.

14. A method as recited in claim 1 wherein the granular  
material comprises particles and wherein a majority of said  
10 particles are in contact with the primary pipeline section.

15. A method for forming a double containment pipeline  
section comprising:  
wrapping a tape having a tacky adhesive on one face around  
15 a primary pipeline section with the face having the tacky  
adhesive on the outside;  
applying a granular material on the taped pipeline section,  
adhering a layer of granular material on the tacky adhesive; and  
forming a secondary pipeline section over the granular  
20 material layer wherein the granular material layer defines an  
annulus between the primary and secondary pipeline section.

16. A method as recited in claim 15 wherein the granular  
material comprises particles wherein a majority of said particles  
25 are in contact with the secondary pipeline section.

17. A method as recited in claim 15 section wherein forming  
comprises defining an annulus between the primary and secondary  
pipeline sections having a radial thickness no greater than about  
30 1 mm.

18. A method for forming a double containment pipeline  
section comprising:  
applying a layer of adhesive over primary pipeline  
35 section;

applying a granular material on the adhesive forming  
a permeable layer adhered around the primary pipeline section;  
5 and

forming a secondary pipeline section over the granular  
material covered primary pipeline section wherein the granular  
material defines an annulus between the primary and the secondary  
pipes.

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19. A method as recited in claim 18 section wherein forming  
comprises defining an annulus between the primary and secondary  
pipeline sections having a radial thickness no greater than about  
1 mm.

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20. A method as recited in claim 18 further comprising  
wrapping a sealing layer over the granular material covered  
primary pipeline section.

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21. A method as recited in claim 18 wherein applying a  
granular material comprises applying sand.

22. A method as recited in claim 18 wherein the granular  
material comprises particles, and wherein a majority of said  
25 particles adhered around the primary pipeline section are in  
contact with the secondary pipeline section.

23. A method for forming a double containment pipeline  
section comprising:

30 forming a primary pipeline section having a granular  
material adhered over an outer surface of the primary pipeline  
section; and

forming a secondary pipeline section over the granular  
material wherein the granular material defines an annulus between  
35 the primary and the secondary pipes.

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24. A method as recited in claim 23 wherein forming a primary pipeline section comprises:

5 forming a primary pipeline section having tacky adhesive on its outer surface; and

applying a granular material on the adhesive forming a permeable layer around the primary pipeline section.

10 25. A method as recited in claim 23 wherein the granular material defines the annulus between the primary and secondary pipeline sections having a radial thickness no greater than about 1 mm.

15 26. A method as recited in claim 23 wherein the granular material comprises particles wherein a majority of said particles are in contact with the secondary pipeline section.

27. A method as recited in claim 23 wherein applying a granular material comprises applying sand.

28. A method for forming a double containment pipeline section comprising:

forming a primary pipeline section;  
25 forming a secondary pipeline section surrounding the primary pipeline section; and

applying a layer of granular material between the primary and secondary pipeline sections wherein the granular material comprises particles and wherein a majority of the  
30 particles are in contact with at least one of said primary and secondary pipeline sections.

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29. A method as recited in claim 28 wherein a majority of  
the particles are in contact with primary pipeline section and  
5 wherein a majority of the particles are in contact with the  
secondary pipeline section.

30. A method as recited in claim 28 wherein the granular  
material defines an annulus having a radial thickness no greater  
10 than about 1 mm.

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